ABSTRACT

A nurse call interface and method of operation is provided as part of a nurse call interface system which includes a sensor pad for sensing loss of weight thereon. Nurse call interface is powered by a battery which is regulated by a voltage regulator. A microprocessor is provided within nurse call interface connected to an LED, alarm and relay assembly. The relay assembly is connected to a nurse call interface plug which plugs into a nurse call box wall plate. Microprocessor senses voltage changes from sensor pad. If a patient gets off the sensor pad, the loss of weight causes a voltage to exceed 2.5 volts and microprocessor sends a signal to the LED, alarm and relay assembly actuating each. A nurse call button assembly can be provided as part of the nurse call interface system which connects to the nurse call interface. If the button of this assembly is depressed, the LED, alarm, and relay assembly are each actuated.

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